Late pandemic forecast for Italy M: repeated single-output M: multi-output M: multi-output (deaths + Google mobility) (deaths) (deaths) 3 per million of population Prediction Prediction Prediction Truth Truth Truth Death incidence 2 2 0 10 20 10 20 20 0 30 10 0 30 ()30 Days since June 11 2021 Days since June 11 2021 Days since June 11 2021 B: Bi-LSTM (deaths) B: LSTM (deaths) B: GRU (deaths) 3 3 per million of population Prediction Prediction Prediction Truth Truth Truth Death incidence 2 2 30 10 20 10 20 30 30 0 0 0 10 20 Days since June 11 2021 Days since June 11 2021 Days since June 11 2021 B: ARIMA wavelet **B**: Persistence 3 per million of population Prediction Prediction Truth Truth Death incidence 2 0 0 10 20 10 20 30 30 0 0

Days since June 11 2021

Days since June 11 2021